



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/700,769

DATE: 10/01/2002
TIME: 11:11:13

Input Set : A:\DEX-109.ST25.txt
Output Set: N:\CRF4\10012002\I700769.raw

3 <110> APPLICANT: Macina, Roberto
 4 Yang, Fei
 5 Sun, Yongming
 7 <120> TITLE OF INVENTION: A Novel Method of Diagnosing, Monitoring and Staging Colon
 Cancer
 9 <130> FILE REFERENCE: DEX-0109
 11 <140> CURRENT APPLICATION NUMBER: US 09/700,769
 12 <141> CURRENT FILING DATE: 2001-01-04
 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/10498
 15 <151> PRIOR FILING DATE: 1999-05-12
 17 <150> PRIOR APPLICATION NUMBER: US 60/086,266
 18 <151> PRIOR FILING DATE: 1998-05-21
 20 <160> NUMBER OF SEQ ID NOS: 10
 22 <170> SOFTWARE: PatentIn version 3.1

*Does Not Comply
Corrected Diskette Needed*

ERRORED SEQUENCES

559 <210> SEQ ID NO: 10
 560 <211> LENGTH: 510
 561 <212> TYPE: PRT
 562 <213> ORGANISM: Homo sapiens
 564 <400> SEQUENCE: 10
 566 Met Arg Pro Gly Leu Ser Phe Leu Leu Ala Leu Leu Phe Phe Leu Gly
 567 1 5 10 15
 570 Gln Ala Ala Gly Asp Leu Gly Asp Val Gly Pro Pro Ile Pro Ser Pro
 571 20 25 30
 574 Gly Phe Ser Pro Phe Pro Gly Val Asp Ser Ser Ser Ser Phe Ser Ser
 575 35 40 45
 578 Ser Ser Arg Ser Gly Ser Ser Ser Ser Arg Ser Leu Gly Ser Gly Gly
 579 50 55 60
 582 Ser Val Ser Gln Leu Phe Ser Asn Phe Thr Gly Ser Val Asp Asp Arg
 583 65 70 75 80
 586 Gly Thr Cys Gln Cys Ser Val Ser Leu Pro Asp Thr Thr Phe Pro Val
 587 85 90 95
 590 Asp Arg Val Glu Arg Leu Glu Phe Thr Ala His Val Leu Ser Gln Lys
 591 100 105 110
 594 Phe Glu Lys Glu Leu Ser Lys Val Arg Glu Tyr Val Gln Leu Ile Ser
 595 115 120 125
 598 Val Tyr Glu Lys Lys Leu Leu Asn Leu Thr Val Arg Ile Asp Ile Met
 599 130 135 140
 602 Glu Lys Asp Thr Ile Ser Tyr Thr Glu Leu Asp Phe Glu Leu Ile Lys
 603 145 150 155 160
 606 Val Glu Val Lys Glu Lys Leu Val Ile Gln Leu Lys Glu Ser

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607	165	170	175
610	Phe Gly Gly Ser Ser Glu Ile Val Asp Gln Leu Glu Val Glu Ile Arg		
611	180	185	190
614	Asn Met Thr Leu Leu Val Glu Lys Leu Glu Thr Leu Asp Lys Asn Asn		
615	195	200	205
618	Val Leu Ala Ile Arg Arg Glu Ile Val Ala Leu Lys Thr Lys Leu Lys		
619	210	215	220
622	Glu Cys Glu Ala Ser Lys Asp Gln Asn Thr Pro Val Val His Pro Pro		
623	225	230	235
626	Pro Thr Pro Gly Ser Cys Gly His Gly Val Val Asn Ile Ser Lys		
627	245	250	255
630	Pro Ser Val Val Gln Leu Asn Trp Arg Gly Phe Ser Tyr Leu Tyr Gly		
631	260	265	270
634	Ala Trp Gly Arg Asp Tyr Ser Pro Gln His Pro Asn Lys Gly Leu Tyr		
635	275	280	285
638	Trp Val Ala Pro Leu Asn Thr Asp Gly Arg Leu Leu Glu Tyr Tyr Arg		
639	290	295	300
642	Leu Tyr Asn Thr Leu Asp Asp Leu Leu Tyr Ile Asn Ala Arg Glu		
643	305	310	315
646	Leu Arg Ile Thr Tyr Gly Gln Gly Ser Gly Thr Ala Val Tyr Asn Asn		
647	325	330	335
650	Asn Met Tyr Val Asn Met Tyr Asn Thr Gly Asn Ile Ala Arg Val Asn		
651	340	345	350
654	Leu Thr Thr Asn Thr Ile Ala Val Thr Gln Thr Leu Pro Asn Ala Ala		
655	355	360	365
658	Tyr Asn Asn Arg Phe Ser Tyr Ala Asn Val Ala Trp Gln Asp Ile Asp		
659	370	375	380
662	Phe Ala Val Asp Glu Asn Gly Leu Trp Val Ile Tyr Ser Thr Glu Ala		
663	385	390	395
666	400	405	410
667	415	420	425
670	430	435	440
671	445	450	455
674	Arg Thr Glu Glu Ile Phe Tyr Tyr Tyr Asp Thr Asn Thr Gly Lys Glu		
675	460	465	470
682	Ile Asn Tyr Asn Pro Phe Asp Gln Lys Leu Tyr Val Tyr Asn Asp Gly		
683	475	480	485
686	490	495	500
687	505	510	

E--> 697 12

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/700,769

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Input Set : A:\DEX-109.ST25.txt
Output Set: N:\CRF4\10012002\I700769.raw

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L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1020
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:660
L:697 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10